



**YENEPOYA**

(DEEMED TO BE UNIVERSITY)

Recognized under Sec 3(A) of the UGC Act 1956

Accredited by NAAC with 'A' Grade

## **YENEPOYA DENTAL COLLEGE**

### **PROGRAM AND PROGRAM SPECIFIC/COURSE OUTCOMES**

#### **POSTGRADUATE PROGRAM**

#### **MASTER OF DENTAL SURGERY – PERIODONTOLOGY**

**ATTESTED**

Dr. Gangadhara Semaya) M.D.  
Registrar  
Yenepoya (Deemed to be University)  
University Hoag, Yenepoya  
Mangalore - 575 010, Karnataka

## PROGRAM OUTCOMES

### MASTER OF DENTAL SURGERY – PERIODONTOLOGY

A post graduate student having qualified the MDS (Periodontology) examination should be able to:

- PO1 Describe the diverse anatomic and microscopic features of the periodontium and the interrelated functional aspects.
- PO2 Explain the etio-pathogenesis of periodontal/peri-implant diseases
- PO3 Demonstrate the ability to recognize and diagnose the various forms of periodontal/peri-implant diseases.
- PO4 Apply the appropriate diagnostic technique to diagnose periodontal diseases.
- PO5 Identify, plan and execute non-surgical and surgical periodontal treatment procedures based on current scientific evidence to treat systemically healthy and systemically compromised patients.
- PO6 Communicate and demonstrate appropriate measures in the prevention of periodontal diseases.
- PO7 Analyse the role of inter-disciplinary approaches in periodontal/peri-implant therapy and referral to the specialist.
- PO8 Inculcate a sense of social responsibility and capability to deliver periodontal healthcare to the underprivileged sections of the society.

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Dr. Gangadhara Somayaji M.D.  
Registrar  
Yerpeora (Deemed to be University)  
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Mangalore-575 016, Karnataka

## PROGRAM SPECIFIC/COURSE OUTCOMES

### MASTER OF DENTAL SURGERY – PERIODONTOLOGY

#### A. Cognitive Domain

1. Discuss historical perspective to advancement in the subject proper and related topics.
2. Describe etiology, pathogenesis, diagnosis and management of common periodontal diseases with emphasis on Indian population.
3. Familiarize with the biochemical, microbiologic and immunologic genetic aspects of periodontal pathology.
4. Describe various preventive periodontal measures.
5. Describe various treatment modalities of periodontal disease from historical aspect to currently available ones.
6. Describe interrelationship between periodontal disease and various systemic conditions.
7. Describe periodontal hazards due to iatrogenic causes and deleterious habits and prevention of it.
8. Identify rarities in periodontal disease and environmental/ Emotional determinates in a given case.
9. Recognize conditions that may be outside the area of his specialty/ competence and refer them to an appropriate Specialist.
10. Decide regarding non-surgical or surgical management of the case.
11. Update him by attending course, conferences and seminars relevant to Periodontics or by self learning process.
12. Plan out/ carry out research activity both basic and clinical aspects with the aim of publishing his work in scientific journals.
13. Reach to the public to motivate and educate regarding periodontal disease, its prevention and consequences if not treated.

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14. Plan out epidemiological survey to assess prevalence and incidence of early onset periodontitis in Indian population (Region Wise).
15. Shall develop knowledge, skill in the science and practice of Oral Implantology.
16. Shall develop teaching skill in the field of Periodontology and Oral Implantology.

#### **B. Affective domain**

1. Demonstrate self-awareness and personal development in routine conduct.
2. Adopt ethical principles in all aspects of Periodontal treatment.
3. Professional honesty & integrity are to be fostered.
4. Apply high moral and ethical standards while carrying out human or animal research.
5. Develop Communication skills to make awareness regarding periodontal disease.
6. Communicate effectively with peers, students and teachers in various teaching-learning activities.
7. Acquire capacity of not letting his/her personal beliefs, prejudices and limitations come in the way of duty.
8. Be humble, accept the limitations in his knowledge and skill and ask for help from colleagues when needed.
9. Respect patient's rights and privileges, including patient's right to information and right to seek a second opinion.

#### **C. Psychomotor Domain**

The student should acquire competencies in the following tasks:

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1. Take a proper clinical history, thorough examination of intra oral, extra oral areas medical history evaluation, advice essential diagnostic procedures and interpret them to come to a reasonable diagnosis.
2. Effective motivation and education regarding periodontal disease and maintenance after the treatment.
3. Perform both non- surgical and education regarding periodontal disease and maintenance after the treatment.
4. Perform both non-surgical and surgical procedures independently.
5. Provide basic life support service (BLS), recognize the need for advance life support and the immediate need for that.
6. Human values, Ethical practice to communication abilities.
7. Adopt ethical principles in all aspects of treatment modalities; Professional honesty & integrity are to be fostered. Develop Communication skills to make awareness regarding periodontal disease. Apply high moral and ethical standards while carrying out human or animal research. Be humble, accept the limitations in his knowledge and skill and ask for help from colleagues when needed. Respect patient's rights and privileges, including patient's right to information and right to seek a second opinion.

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